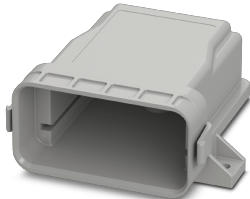


Electronic housing - ECS-B-64X80-L-UV-NV GY - 1186431

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Snap-in locking non-vented enclosure of the ECS Family. IP66/67/69 rated when mated with associated faceplate. Color: Grey (7042), Width: 97 mm, Height: 86 mm, Depth: 45 mm

Your advantages

- ✓ IP66/IP67 rated with faceplate secured to the base
- ✓ Wall, panel, or pole mounting options
- ✓ Toolless assembly
- ✓ Ultra-compact housing design for a wide range of applications
- ✓ Housing design supports the installation of a range of PCB thicknesses for high application diversity
- ✓ Optional accessories for wall and mast mounting
- ✓ Proven PCB connection technology
- ✓ Integrated tamper protection
- ✓ Effective protection of electronics against thermal and mechanical influences
- ✓ Suitable for outdoor/indoor applications



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 063151 226558 |
| GTIN | 4063151226558 |
| Weight per Piece (excluding packing) | 72.000 g |
| Custom tariff number | 85389099 |
| Country of origin | United States |

Technical data

Item properties

Electronic housing - ECS-B-64X80-L-UV-NV GY - 1186431

Technical data

Item properties

| | |
|--------------------------|---|
| Type | ECS-B-64X80-L-UV-NV GY |
| Order No. | 1186431 |
| Housing type | outdoor housings |
| Type | non-vented |
| Max. NEMA code to attain | 6 |
| IK code | IK08 |
| Impact strength | IK08 |
| Mounting type | Wall or panel mount. Pole mount with accessory. |
| Type of locking | Snap-in locking |

Measurements

| | |
|--------------|-------|
| Width [w] | 86 mm |
| Height [h] | 97 mm |
| Depth [d] | 45 mm |

Material specifications

| | |
|--|--------------------|
| Housing material | PC (polycarbonate) |
| Color (RAL) | gray (7042) |
| Flammability rating according to UL 94 | V0 |

Ambient conditions

| | |
|---|-------------------|
| Ambient temperature (storage/transport) | -40 °C ... 100 °C |
| Ambient temperature (operation) | -40 °C ... 100 °C |

PCB data

| | |
|-----------------------|---------|
| Number of PCB holders | 1 |
| PCB thickness | 1.57 mm |

Power dissipation, single housing at 20°C

| | |
|---------------------|-------|
| Ambient temperature | 20 °C |
| Power dissipation | 11 W |

Hammer test

| | |
|-----------------------|---------------|
| Specification | EN 50512:1995 |
| Impact energy | 5 J |
| Number of drop cycles | 5 |

Vibration test

| | |
|---------------|-----------------------|
| Specification | IEC 60068-2-6:2007-12 |
| Frequency | 10 - 2000 - 10 Hz |
| Sweep speed | 1 octave/min |

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Technical data

Vibration test

| | |
|------------------------|----------------------|
| Acceleration | 15g (61.6 - 2000 Hz) |
| Test duration per axis | 2.5 h |
| Test directions | X-, Y- and Z-axis |

Shock

| | |
|--------------------------------|-----------------------------------|
| Specification | IEC 60068-2-27:2008-02 |
| Pulse shape | Semi-sinusoidal |
| Acceleration | 50g |
| Shock duration | 11 ms |
| Number of shocks per direction | 20 |
| Test directions | X-, Y- and Z-axis (pos. and neg.) |

Test for assessing the risk of fire (glow wire)

| | |
|------------------|---|
| Specification | DIN EN 60695-2-11 (VDE 0471-2-11):2014-11 |
| Temperature | 850 °C |
| Time of exposure | 30 s |

Degrees of protection provided by enclosures (IP code)

| | |
|---------------------------------------|---|
| Specification | IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08 |
| Result, degree of protection, IP code | IP69 (2 m / 24 h) |

Packaging information

| | |
|----------------------------|------|
| Pieces per package | 5 |
| Denomination packing units | Pcs. |

Standards and regulations

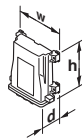
| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Dimensional drawing



Electronic housing - ECS-B-64X80-L-UV-NV GY - 1186431

Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27182702 |
| eCl@ss 11.0 | 27182702 |
| eCl@ss 4.0 | 27180401 |
| eCl@ss 4.1 | 27180401 |
| eCl@ss 5.0 | 27180505 |
| eCl@ss 5.1 | 27180505 |
| eCl@ss 6.0 | 27180800 |
| eCl@ss 7.0 | 27182702 |
| eCl@ss 9.0 | 27182702 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001031 |
| ETIM 4.0 | EC001031 |
| ETIM 6.0 | EC001031 |
| ETIM 7.0 | EC001031 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11 | 31261501 |
| UNSPSC 12.01 | 31261501 |
| UNSPSC 13.2 | 31261501 |
| UNSPSC 18.0 | 31261501 |
| UNSPSC 19.0 | 31261501 |
| UNSPSC 20.0 | 31261501 |
| UNSPSC 21.0 | 31261501 |

Accessories

Accessories

Front plate

Front plate - ECS-P-64X80-L-UV-B GY - 1186436



Snap-in locking blank faceplate of the ECS Family. IP66/67/69 rated when mated with associated enclosure. Color: Grey (7042), Width: 97 mm, Height: 15 mm, Depth: 42 mm

